



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY  
**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

**RECEIVED**  
By Carol Day at 8:36 am, Jul 08, 2013

REPORT#7

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 026999	PRINTER SN 13.1891.096	DATE OF INSPECTION 07-04-2013
LOCATION OF INSTRUMENT (STREET AND CITY) 501 Paraon St. Joseph MO 64501		TIME OF INSPECTION 1455

**CHECKLIST:** Place a mark in the box by each item it found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

☒ DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)

☒ TEMPERATURE OF ALCO SENSOR (1 O-C - 40-C)

☒ PRINTER WORKING PROPERLY

☒ TIME AND DATE DISPLAYING PROPERLY

**BREATH ALCOHOL ACCURACY STANDARDS**

☐ SIMULATOR SOLUTION

☐ COMPRESSED ETHANOL-GAS MIXTURE

☒ STANDARD SUPPLIER Airgas LOT # AG300201 EXP. DATE 01-02-2015

☐ SIMULATOR TEMPERATURE (34'C  $\pm$  0.2'C) \_\_\_\_\_ SIMULATOR SN \_\_\_\_\_ SIMULATOR EXP DATE \_\_\_\_\_

☒ CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)

Run three tests using a standard solution. All three tests must be within  $\pm 5\%$  of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)

☒ 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE

☐ 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE

☐ 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 w- .101

TEST 2 w- .100

TEST 3 w- .099

☒ RFI DETECTOR OPERATING

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:  
(DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS 0 (0-.04) 0 (.05-.09) 0 (.10-.14) 0 (.15-.19) 0 (OVER.19) 0

List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

**INSPECTING OFFICER**

SIGNATURE

PRINT NAME

Brad Kerns

TYPE 11 PERMIT NUMBER/EXPIRATION DATE

220427 12-27-14

TELEPHONE NUMBER

816-271-5359

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office  
2875 James Boulevard  
Poplar Bluff, MO 63901

**CERTIFICATE OF ANALYSIS**

**MANUFACTURER AND SUPPLIER: RepCo Marketing, Inc.**

**LOT NUMBER: 12001**

**EXPIRATION DATE: April 2, 2014 at 11:59 p.m.**

RepCo Marketing, Inc. certifies the following:


RepCo Marketing, Inc. manufactured, tested and supplied Lot Number 12001 of Alcohol Certified Solution for simulators. Random samples of said lot number were analyzed by an independent laboratory utilizing a gas chromatograph and found to contain .1205 gms/dl +/- .003 gms/dl wt/vol ethanol (95% Confidence).

The alcohol and distilled water used in the solution were found to be free of any interfering substance.

This solution will produce a vapor alcohol value of .100 +/-3% gms/210L Breath when heated to 34 Degrees Celsius +/-0.2 Degrees Celsius in a simulator (95% Confidence).

The date of manufacture for this lot number is April 3, 2012. The expiration date for this lot number is April 2, 2014 at 11:59 p.m.

This document is a true representation of the original Certificate of Analysis.



Cecil B. Garner, President  
RepCo Marketing, Inc.

AS IV Serial no: 026999  
Version no: 7409

TEST RECORD 01294 s/

Temp Date Time 210L

Air Blank: 07/04/13 14:55 .000

Calibration Check: 20 07/04/13 14:55 .101

Subject Name

Subject I.D.

Kearns, Brad M

Operator Name, I.D.

501 GARAN ST

Location

ST. JOSEPH, MO 64601

220427 / 12-27-14

AS IV Serial no: 026999  
Version no: 7409

TEST RECORD 01295 s/

Temp Date Time 210L

Air Blank: 07/04/13 14:58 .000

Calibration Check: 21 07/04/13 14:58 .103

Subject Name

Subject I.D.

Kearns, Brad M

Operator Name, I.D.

501 GARAN ST

Location

ST. JOSEPH, MO

220427 / 12-27-14

AS IV Serial no: 026999  
Version no: 7409

TEST RECORD 01296 s/

Temp Date Time 210L

Air Blank: 07/04/13 15:01 .000

Calibration Check: 23 07/04/13 15:01 .099

Subject Name

Subject I.D.

Kearns, Brad M

Operator Name, I.D.

501 GARAN

Location

ST. JOSEPH, MO

220427 / 12-27-14

AS IV Serial no: 026999  
Version no: 7409

TEST RECORD 01297 s/

Temp Date Time 210L

Void: RFI 12 07/04/13 15:03

Subject Name

Subject I.D.

Kearns, Brad M

Operator Name, I.D.

501 GARAN

Location

ST. JOSEPH, MO

220427 / 12-27-14

State of Missouri  
DEPARTMENT OF HEALTH



P E R M I T  
TYPE II



BRAD M KERNS

Is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field repairs, and operate the following breath analyzer(s):

**DATAMASTER; ALCO-SENSOR IV W/PRINTER**

for the determination of the alcoholic content of blood from a sample of expired (alveolar) air. Issued under the provisions of sections 577.020 through 577.041, RSMo 1986.

Date 12/27/2012

Number 220427

Expires 12/27/2014

MO 580-0771 (7-88)

Director of State Public Health Laboratory

ACTING DIRECTOR

Director, Department of Health

Lab. 4 (R7-88)